

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

HoldingTimes_Preservation

Method - Metals by ICP-AES

Test Name: EXES-462

Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.

Associated Samples: MF6R05, MF6R05L, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

MF6R09, MF6R08, MF6R07, MF6R06, MF6R05, MF6R05L, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15

Method - Metals by ICP-MS

Test Name: EXES-462

Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.

Associated Samples: MF6R05, MF6R05A, MF6R05L, MF6R05S, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

MF6R09, MF6R08, MF6R07, MF6R05S, MF6R06, MF6R05, MF6R05L, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15, MF6R05A

Method - Mercury by Cold Vapor

Test Name: EXES-462

Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.

Associated Samples: MF6R05, MF6R05S, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

MF6R09, MF6R08, MF6R05S, MF6R07, MF6R06, MF6R05, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15

Data Review Results

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Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Method - Cyanide

Test Name: EXES-462	
Defect Message: The following soil samples were not maintained at = 6°C (but not frozen) from time of collection until receipt at the laboratory. Use Professional Judgement to qualify detects as J- and nondetects as R.	
Associated Samples: MF6R05, MF6R05S, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17	
	MF6R09, MF6R08, MF6R07, MF6R05S, MF6R06, MF6R05, MF6R05D, MF6R12, MF6R13, MF6R10, MF6R11, MF6R16, MF6R17, MF6R14, MF6R15

Data Review Results

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Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

TUNE

NONE FOUND

Data Review Results

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Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

InitialCalibration

NONE FOUND

Data Review Results

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Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

ContinuingCalibrationVerification

NONE FOUND

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

Blanks

Method - Metals by ICP-AES

Test Name: EXES-1342

Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R16, MF6R17

Calcium	MF6R16, MF6R08, MF6R09, MF6R13
Magnesium	MF6R08
Sodium	MF6R08, MF6R05, MF6R14, MF6R16, MF6R10, MF6R12, MF6R09, MF6R07, MF6R11, MF6R06, MF6R17, MF6R13

Test Name: EXES-478

Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R15, MF6R16, MF6R08, MF6R06, MF6R13, MF6R07, MF6R09, MF6R11, MF6R05, MF6R10, MF6R14, MF6R17, MF6R12
Calcium	MF6R17, MF6R07, MF6R12, MF6R06, MF6R05, MF6R14, MF6R10, MF6R11, MF6R15
Iron	MF6R13, MF6R09, MF6R15, MF6R16, MF6R10, MF6R11, MF6R07, MF6R08, MF6R17, MF6R06, MF6R14, MF6R05, MF6R12
Magnesium	MF6R10, MF6R17, MF6R16, MF6R06, MF6R14, MF6R13, MF6R12, MF6R05, MF6R15, MF6R09, MF6R11, MF6R07
Potassium	MF6R08, MF6R14, MF6R09, MF6R05, MF6R06, MF6R12, MF6R11, MF6R10, MF6R17, MF6R13, MF6R16, MF6R15, MF6R07
Sodium	MF6R15

Test Name: EXES-479

Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R09, MF6R07, MF6R16, MF6R12, MF6R17, MF6R15, MF6R11, MF6R14, MF6R10, MF6R13, MF6R06, MF6R05, MF6R08
Calcium	MF6R12, MF6R15, MF6R17, MF6R07, MF6R10, MF6R05, MF6R06, MF6R11, MF6R14
Iron	MF6R09, MF6R15, MF6R13, MF6R16, MF6R10, MF6R06, MF6R05, MF6R11, MF6R14, MF6R08, MF6R12, MF6R07, MF6R17
Magnesium	MF6R10, MF6R17, MF6R16, MF6R06, MF6R14, MF6R13, MF6R12, MF6R05, MF6R15, MF6R09, MF6R11, MF6R07
Potassium	MF6R08, MF6R14, MF6R09, MF6R05, MF6R06, MF6R12, MF6R11, MF6R10, MF6R17, MF6R13, MF6R16, MF6R07, MF6R15
Sodium	MF6R15

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Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-480

Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R14, MF6R09, MF6R16, MF6R12, MF6R17, MF6R08, MF6R06, MF6R15, MF6R13, MF6R07, MF6R11, MF6R05, MF6R10
Iron	MF6R14, MF6R17, MF6R08, MF6R09, MF6R10, MF6R16, MF6R13, MF6R06, MF6R15, MF6R11, MF6R12, MF6R07, MF6R05
Magnesium	MF6R05, MF6R10, MF6R17, MF6R15, MF6R14, MF6R09, MF6R11, MF6R13, MF6R16, MF6R07, MF6R06, MF6R08, MF6R12
Potassium	MF6R09, MF6R10, MF6R12, MF6R14, MF6R13, MF6R11, MF6R15, MF6R16, MF6R08, MF6R17, MF6R07, MF6R05, MF6R06
Sodium	MF6R13, MF6R15, MF6R17, MF6R06, MF6R11, MF6R12, MF6R08, MF6R05, MF6R14, MF6R10, MF6R09, MF6R07, MF6R16

Test Name: EXES-481

Defect Message: The following samples are associated with ICB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R15, MF6R05, MF6R07, MF6R13, MF6R08, MF6R06, MF6R14, MF6R12, MF6R16, MF6R09, MF6R11, MF6R10, MF6R17
Calcium	MF6R05, MF6R14, MF6R11, MF6R06, MF6R07, MF6R15, MF6R08, MF6R17, MF6R10, MF6R13, MF6R09, MF6R12, MF6R16
Iron	MF6R07, MF6R11, MF6R08, MF6R05, MF6R15, MF6R16, MF6R17, MF6R14, MF6R06, MF6R09, MF6R13, MF6R12, MF6R10
Magnesium	MF6R05, MF6R13, MF6R14, MF6R06, MF6R16, MF6R17, MF6R12, MF6R07, MF6R08, MF6R11, MF6R09, MF6R15, MF6R10
Potassium	MF6R06, MF6R05, MF6R07, MF6R17, MF6R08, MF6R16, MF6R09, MF6R11, MF6R13, MF6R14, MF6R12, MF6R10, MF6R15
Sodium	MF6R13, MF6R15, MF6R17, MF6R06, MF6R11, MF6R12, MF6R08, MF6R05, MF6R14, MF6R10, MF6R09, MF6R07, MF6R16

Test Name: EXES-508

Defect Message: The following samples have analyte results greater than CRQLs. The associated PB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R10, MF6R08, MF6R06, MF6R05, MF6R13, MF6R07, MF6R15, MF6R12, MF6R16, MF6R14, MF6R09, MF6R11, MF6R17
Iron	MF6R09, MF6R10, MF6R16, MF6R13, MF6R11, MF6R15, MF6R17, MF6R08, MF6R06, MF6R07, MF6R05, MF6R14, MF6R12
Potassium	MF6R10, MF6R12, MF6R14, MF6R13, MF6R11, MF6R15, MF6R16, MF6R08, MF6R17, MF6R07, MF6R09, MF6R06, MF6R05
Sodium	MF6R15

Test Name: EXES-549

Defect Message: The following samples are associated with PB that has analyte results less than or equal to (-MDL) but greater than or equal to (-CRQL). Use Professional Judgement to qualify detects and nondetects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Data Review Results

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Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

Test Name: EXES-549

Defect Message: The following samples are associated with PB that has analyte results less than or equal to (-MDL) but greater than or equal to (-CRQL). Use Professional Judgement to qualify detects and nondetects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Aluminum	MF6R14, MF6R06, MF6R11, MF6R15, MF6R10, MF6R09, MF6R17, MF6R13, MF6R07, MF6R08, MF6R16, MF6R12, MF6R05
Iron	MF6R13, MF6R10, MF6R16, MF6R15, MF6R17, MF6R12, MF6R05, MF6R07, MF6R08, MF6R11, MF6R14, MF6R09, MF6R06
Potassium	MF6R11, MF6R15, MF6R16, MF6R08, MF6R17, MF6R07, MF6R05, MF6R06, MF6R09, MF6R10, MF6R12, MF6R14, MF6R13
Sodium	MF6R11, MF6R06, MF6R17, MF6R15, MF6R16, MF6R09, MF6R14, MF6R13, MF6R12, MF6R08, MF6R10, MF6R05, MF6R07

Method - Metals by ICP-MS

Test Name: EXES-1342

Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Antimony	MF6R15
Beryllium	MF6R10, MF6R16, MF6R07, MF6R14, MF6R17, MF6R09, MF6R05, MF6R12, MF6R08, MF6R13, MF6R06, MF6R11
Cadmium	MF6R06, MF6R09, MF6R05
Selenium	MF6R11, MF6R09, MF6R16, MF6R17, MF6R14, MF6R08, MF6R07, MF6R15, MF6R10, MF6R06, MF6R05
Silver	MF6R05, MF6R13, MF6R15, MF6R17, MF6R06, MF6R16, MF6R11, MF6R12, MF6R14, MF6R10, MF6R09
Thallium	MF6R17, MF6R05, MF6R07, MF6R06, MF6R15, MF6R10, MF6R09, MF6R12, MF6R16, MF6R14, MF6R11

Test Name: EXES-476

Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Cadmium	MF6R09, MF6R06, MF6R05
Silver	MF6R14, MF6R16, MF6R11, MF6R12, MF6R17, MF6R13, MF6R05, MF6R10, MF6R15, MF6R06, MF6R09
Thallium	MF6R09, MF6R10, MF6R06, MF6R07, MF6R15, MF6R17, MF6R14, MF6R12, MF6R16, MF6R11, MF6R05

Test Name: EXES-478

Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

Test Name: EXES-478**Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.****Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17**

Arsenic	MF6R05, MF6R16, MF6R17, MF6R12, MF6R06, MF6R14, MF6R15, MF6R13, MF6R10, MF6R08, MF6R09, MF6R11, MF6R07
Barium	MF6R07, MF6R05, MF6R06, MF6R14, MF6R17, MF6R15, MF6R10, MF6R09, MF6R16, MF6R11, MF6R12, MF6R13, MF6R08
Beryllium	MF6R15
Chromium	MF6R05, MF6R13, MF6R06, MF6R12, MF6R07, MF6R08, MF6R14, MF6R17, MF6R15, MF6R16, MF6R11, MF6R09, MF6R10
Cobalt	MF6R09, MF6R10, MF6R06, MF6R15, MF6R08, MF6R13, MF6R16, MF6R12, MF6R07, MF6R17, MF6R14, MF6R11, MF6R05
Copper	MF6R12, MF6R17, MF6R08, MF6R11, MF6R16, MF6R09, MF6R13, MF6R15, MF6R10, MF6R07, MF6R05, MF6R14, MF6R06
Lead	MF6R17, MF6R16, MF6R06, MF6R13, MF6R15, MF6R12, MF6R08, MF6R09, MF6R11, MF6R05, MF6R07, MF6R10, MF6R14
Manganese	MF6R15, MF6R06, MF6R16, MF6R11, MF6R08, MF6R05, MF6R07, MF6R17, MF6R13, MF6R14, MF6R10, MF6R09, MF6R12
Nickel	MF6R10, MF6R15, MF6R08, MF6R11, MF6R09, MF6R13, MF6R05, MF6R06, MF6R07, MF6R12, MF6R17, MF6R14, MF6R16
Vanadium	MF6R08, MF6R07, MF6R11, MF6R15, MF6R10, MF6R14, MF6R09, MF6R16, MF6R17, MF6R12, MF6R13, MF6R06, MF6R05
Zinc	MF6R08, MF6R16, MF6R06, MF6R11, MF6R10, MF6R05, MF6R17, MF6R14, MF6R09, MF6R07, MF6R12, MF6R13, MF6R15

Test Name: EXES-479**Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects.****Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17**

Arsenic	MF6R06, MF6R10, MF6R08, MF6R14, MF6R05, MF6R16, MF6R17, MF6R12, MF6R15, MF6R13, MF6R11, MF6R07, MF6R09
Barium	MF6R14, MF6R06, MF6R17, MF6R08, MF6R12, MF6R07, MF6R05, MF6R11, MF6R16, MF6R09, MF6R10, MF6R15, MF6R13
Beryllium	MF6R15
Chromium	MF6R10, MF6R06, MF6R13, MF6R08, MF6R14, MF6R17, MF6R16, MF6R15, MF6R07, MF6R11, MF6R12, MF6R09, MF6R05
Cobalt	MF6R09, MF6R10, MF6R06, MF6R15, MF6R08, MF6R13, MF6R16, MF6R12, MF6R07, MF6R17, MF6R14, MF6R11, MF6R05
Copper	MF6R12, MF6R17, MF6R08, MF6R11, MF6R16, MF6R09, MF6R13, MF6R15, MF6R10, MF6R07, MF6R05, MF6R14, MF6R06
Lead	MF6R17, MF6R16, MF6R13, MF6R06, MF6R15, MF6R12, MF6R08, MF6R09, MF6R11, MF6R05, MF6R07, MF6R10, MF6R14
Manganese	MF6R15, MF6R16, MF6R06, MF6R11, MF6R08, MF6R05, MF6R07, MF6R17, MF6R13, MF6R14, MF6R10, MF6R09, MF6R12
Nickel	MF6R10, MF6R15, MF6R08, MF6R11, MF6R09, MF6R13, MF6R05, MF6R06, MF6R07, MF6R14, MF6R17, MF6R12, MF6R16
Vanadium	MF6R08, MF6R07, MF6R11, MF6R15, MF6R10, MF6R14, MF6R09, MF6R16, MF6R17, MF6R12, MF6R13, MF6R06, MF6R05
Zinc	MF6R16, MF6R08, MF6R11, MF6R06, MF6R10, MF6R05, MF6R17, MF6R14, MF6R09, MF6R07, MF6R12, MF6R13, MF6R15

Test Name: EXES-480**Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.****Associated Samples: MF6R15**

Copper	MF6R15
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Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-508 Defect Message: The following samples have analyte results greater than CRQLs. The associated PB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects. Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17	
Barium	MF6R17, MF6R10, MF6R09, MF6R16, MF6R11, MF6R12, MF6R13, MF6R08, MF6R15, MF6R07, MF6R05, MF6R06, MF6R14
Manganese	MF6R09, MF6R12, MF6R10, MF6R14, MF6R13, MF6R05, MF6R15, MF6R17, MF6R11, MF6R16, MF6R06, MF6R07, MF6R08

Method - Mercury by Cold Vapor

Test Name: EXES-478 Defect Message: The following samples have analyte results greater than CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects. Associated Samples: MF6R06	
Mercury	MF6R06

Test Name: EXES-479 Defect Message: The following samples have analyte results greater than CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Use Professional Judgement to qualify detects. Associated Samples: MF6R06	
Mercury	MF6R06

Test Name: EXES-480 Defect Message: The following samples are associated with CCB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects. Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17	
Mercury	MF6R05, MF6R12, MF6R09, MF6R16, MF6R06, MF6R11, MF6R17, MF6R10, MF6R13, MF6R07, MF6R15, MF6R14, MF6R08

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Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Test Name: EXES-481	
Defect Message: The following samples are associated with ICB that has analyte results less than or equal to (-MDLs) but greater than or equal to (-CRQLs). Use Professional Judgement to qualify detects and nondetects.	
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17	
Mercury	MF6R05, MF6R12, MF6R09, MF6R16, MF6R06, MF6R11, MF6R17, MF6R10, MF6R13, MF6R07, MF6R15, MF6R14, MF6R08

Method - Cyanide

Test Name: EXES-1342	
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.	
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17	
Cyanide	MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R07, MF6R15, MF6R10, MF6R06, MF6R17, MF6R08, MF6R13

Test Name: EXES-476	
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated ICB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.	
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17	
Cyanide	MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R07, MF6R10, MF6R15, MF6R06, MF6R17, MF6R08, MF6R13

Test Name: EXES-477	
Defect Message: The following samples have analyte results less than or equal to CRQLs. The associated CCB analyte results are less than or equal to CRQLs. Detects are qualified as U. Sample results are reported at CRQLs.	
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17	
Cyanide	MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R07, MF6R10, MF6R15, MF6R06, MF6R17, MF6R08, MF6R13

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

InterferenceCheckSample

NONE FOUND

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

LaboratoryControlSample

NONE FOUND

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

MatrixSpikes

Method - Metals by ICP-MS

Test Name: EXES-1355

Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R within 30 - 74% and Post-digestion spike analyte %R greater than or equal to 75%. Detects are qualified as J. Nondetects are qualified as UJ.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Antimony	MF6R05A
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Test Name: EXES-592

Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R within 30 - 74% and Post-digestion spike analyte %R greater than or equal to 75%. Detects are qualified as J. Nondetects are qualified as UJ.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Manganese	MF6R05A
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Zinc	MF6R05A
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Test Name: EXES-594

Defect Message: The following samples are associated with Matrix Spike sample that has spike analyte %R greater than 125% and Post-digestion spike analyte %R less than or equal to 125%. Detects are qualified as J. Nondetects are not qualified.

Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Selenium	MF6R05A
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Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

SerialDilution

Method - Metals by ICP-MS

Test Name: EXES-1334**Defect Message:** The following samples are associated to the Serial Dilution sample with analyte absolute value %D >10% and the original sample result is > 50xMDL.**Detects are qualified as estimated J. Non-detects are qualified estimated UJ.****Associated Samples:** MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17

Zinc

MF6R05L

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

InternalStandard

NONE FOUND

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

DetectionLimit

Method - Metals by ICP-AES

Test Name: EXES-790

Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.

Associated Samples: MF6R05, MF6R05L, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R16, MF6R17

Calcium	MF6R16, MF6R08, MF6R09, MF6R13, MF6R05L
Magnesium	MF6R08, MF6R05L
Potassium	MF6R05L
Sodium	MF6R14, MF6R16, MF6R10, MF6R07, MF6R05D, MF6R11, MF6R09, MF6R06, MF6R17, MF6R05, MF6R13, MF6R12, MF6R08

Method - Metals by ICP-MS

Test Name: EXES-790

Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.

Associated Samples: MF6R05, MF6R05L, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17, PBS01

Antimony	MF6R15
Arsenic	MF6R05L
Barium	PBS01
Beryllium	MF6R16, MF6R10, MF6R05D, MF6R07, MF6R14, MF6R17, MF6R09, MF6R05, MF6R12, MF6R08, MF6R13, MF6R06, MF6R11, MF6R05L
Cadmium	MF6R06, MF6R05D, MF6R05, MF6R05L, MF6R09
Manganese	PBS01
Selenium	MF6R06, MF6R10, MF6R05D, MF6R14, MF6R09, MF6R11, MF6R08, MF6R05L, MF6R07, MF6R16, MF6R17, MF6R05, MF6R15
Silver	MF6R11, MF6R10, MF6R16, MF6R17, MF6R05, MF6R05D, MF6R13, MF6R06, MF6R14, MF6R05L, MF6R12, MF6R15, MF6R09
Thallium	MF6R17, MF6R05D, MF6R05, MF6R12, MF6R14, MF6R05L, MF6R11, MF6R07, MF6R06, MF6R16, MF6R09, MF6R10, MF6R15
Vanadium	MF6R05L

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON	SDG: MF6R05	Contract: EPW14029	Submission Group Id: 30113599
Lab Name: Bonner Analytical Testing Co.	Case: 45671	Client: EPA Region 6	SOW: ISM02.3

Method - Mercury by Cold Vapor

Test Name: EXES-790	
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.	
Associated Samples: MF6R05, MF6R14, MF6R17	
Mercury	MF6R05, MF6R17, MF6R14, MF6R05D

Method - Cyanide

Test Name: EXES-790	
Defect Message: The following samples have analyte results greater than or equal to detection limit (MDL) and below quantitation limit (CRQL). Detects are qualified as estimated J.	
Associated Samples: MF6R05, MF6R06, MF6R07, MF6R08, MF6R09, MF6R10, MF6R11, MF6R12, MF6R13, MF6R14, MF6R15, MF6R16, MF6R17, PBS01	
Cyanide	MF6R05D, MF6R07, MF6R05, MF6R11, MF6R12, MF6R09, MF6R16, MF6R14, MF6R13, MF6R15, MF6R10, MF6R06, MF6R17, MF6R08, PBS01

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

Duplicates

NONE FOUND

Data Review Results

Thu, 31 Dec 2015 12:03:43

Lab Code: BON

SDG: MF6R05

Contract: EPW14029

Submission Group Id: 30113599

Lab Name: Bonner Analytical Testing Co.

Case: 45671

Client: EPA Region 6

SOW: ISM02.3

SampleAnalysis

NONE FOUND